AVAIL™
Customer Success

AVAIL Desktop Release Notes

The following items were delivered as part of a development effort that concluded on **June 2, 2025**. This effort is for the Public Release of the AVAIL Desktop.

AVAIL Desktop 5.1.0 (released June 2, 2025)

- **Fixes & Improvements:**
    - Added Multi-select Bulk Download for Host in Cloud content.
    - 'Get Link' for Palette is now available.
    - Improvements to Search Bar responsiveness.
    - The Content Details panel includes a separate tab for 'Tags & Data.'
    - Ability to set a Marketplace Channel's Central Cache location to resolve to a Dynamic Path.
    - Other fixes and performance improvements.

AVAIL Desktop 5.0.5 (released 02/14/2025)

- **Fixes & Improvements:**
    - Fixes issue with opening a newly downloaded piece of Content.
    - Fixes Host-in-Cloud Error dialog.
    - UI - Fixes issue with the AVAIL Desktop window potentially showing as blacked-out on first display if it had originally been silently loaded by the AVAIL for Revit add-in.
    - Chat Bot - Fixes issue with the Chat bot UI getting reset after minimizing then maximizing the main AVAIL Desktop window.
    - SSO - Removes unnecessary Groups.Read.All scope from Azure SSO login flow.

AVAIL Desktop 5.0.3 (released 10/26/2024)

- **New**
  - Related Content
    - Connect different pieces of content to enhance navigation and build relationships between content.
  - Channel Audit
    - Run an audit to automatically find broken content locations in a Channel.
  - New Sort & Filter
    - Sort by File Name, Date Added to AVAIL, and Last Updated in AVAIL, now at the content level, to find content faster than ever before.
  - User Groups & Profile
    - Enhance your user profile by adding job title, department, and office location. For Azure users, this information will automatically be imported to your AVAIL profile.
    - Create custom groups or map Active Directory groups for simpler sharing.
  - Automatic Thumbnails
    - Thumbnails are now automatically generated for 30 of the most common file types found in AVAIL.
  - AVAIL Help Chatbot
    - Powered by AI, Help Chatbot is here to answer your AVAIL questions in real-time.

- **Fixes & Improvements**
  - Fixes issue with Downloadable Content not updating the UI on complete
  - Fixes issue with unzip flow during download if the inner zip entry is also a zip file of the same name
  - Fixes refresh of Preview in Content Window
  - Adds Azure MSAL Library
  - Fixes clearing of applied filters for Channel when toggling key cards on or off
  - Added check to make sure that cached custom thumbnails exist
  - Updated version of AVAIL Thumbnail Virtualizer addin with fix for .pat files

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AVAIL Desktop 4.6.1 (released 6/24/2024)

- **Fixes**

- - Fixes issue with Channel not refreshing correctly after making a Key Card or tag template update
  - Fixes issue with Color Picker in Create Channel Group dialog causing Channel Groups to fail to load on Home
  - Fixes issue with drag and drop of RPC content into other applications when Revit is also running
  - Fixes issue with Virtualizing Thumbnails when using Ctrl-A to Select All Content

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AVAIL Desktop 4.6.0 (released 5/6/2024)

- **New**
  - Palettes (Preview Release)
    - Create a customized list of content in AVAIL
  - Revit Application Versioning (Preview Release)
    - Ability to have AVAIL Host in Cloud Channels automatically upgrade files from Revit 2021-2025, presented as a single element in Channel
  - Sorting
    - Ability to sort Channels in ascending or descending order by Channel Name, Author, Date Created, or Date Modified
    - Ability to sort Stream Definitions in ascending or descending order by Creator
- **Improvements**
  - Virtualizing Thumbnails
    - Virtualizing Thumbnails feature now generates thumbnails for .pdf files
    - Improved Thumbnail Virtualization of .pat files
  - Added count of number of items selected
  - Improved UI for Channels in Grid and List view
  - Added Revit 2025 as new Application that can be mapped to a Channel Group
  - Tags and Filters Editor
    - Moved to being an AVAIL Lens (plugin)
    - Updated interface with two views for tag management
    - *Known limitation*: Adjusting a Key in the new Tags and Filters Editor will not set that Key as the default for the same value.

Example: If an item was tagged during indexing by its folder name with the Key of *Keyword* and tag value of *Blue*, and the Key is changed to *Color*, and then another item is indexed with the tag value *Blue*, the Key will still be set as *Keyword*.

- **Fixes**
  - Addresses issue on double-click of a Channel Filter in cross-channel search results
  - Addresses issue where Content view of harvested content was appearing in low-resolution
  - Addresses issue where a Channel Group color couldn't be edited
  - Addresses issue with copying content from a Marketplace Channel

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AVAIL Desktop 4.5.5 (released 12/19/2023)

- **Fixes**
  - Addresses issue with inability to download from a Host-in-Cloud Channel, particularly when the Content exists in multiple Host-in-Cloud Channels and the User does not have access to both Channels.
  - Addresses issue with Thumbnail for Harvest Content not displaying properly in a Host-in-Cloud Channel.

AVAIL Desktop 4.5.3 (released 12/4/2023)

- **New**
  - Revit Thumbnail Add-in
    - New add-in to the Virtualize Thumbnails & Host-in-Cloud Publishing flows extracts and virtualizes a thumbnail from Revit Content (.rfa, .rvt, .rft, .rte) during processing to increase likelihood of having a content thumbnail instead of Revit icon.
    - Significant improvement for files that exist in a Cloud-hosted Content provider, notably Microsoft OneDrive, where the Thumbnail for the Content only renders a default Revit icon within its Desktop Connector

in Windows File Explorer.

- **Improvements**
  - Adds a link to an error log file in Error message for failures during Thumbnail Virtualization or Host-in-Cloud publishing.
  - Improves calculation of any remaining Thumbnail Virtualization or Host-in-Cloud Publishing jobs on startup of the AVAIL Desktop application.
    - Reduces chance of status bar falsely indicating a completed job as being in a running state.

- **Fixes**
  - Fixes error on double click of Content that was once downloaded but no longer exists, and instead re-downloads the file.
  - Other minor fixes

AVAIL Desktop 4.5.2 (released 9/8/2023)

- **New**
  - Search Bar
    - Improvement to updating items available in Search Bar dropdown
    - Improves executing a Recent Search against Local vs. Cloud Channels
  - General
    - Ability to cancel a long-running process in the Tags & Filters Editor including a verification warning on close
- **Fixed**
  - Add-ins
    - Fixes issue with Revit Tag Generator not getting loaded on startup
    - Fixes potential conflict with the ArchVision add-in to AVAIL
    - Prevents add-in conflicts from disabling all add-ins to AVAIL
  - General

- Fixes issue with 'Done' button not functioning when creating/updating Stream Definition
- Fixes issue with breadcrumb staying when toggling between Cloud and Local Channels
- Fixes issue with Channels not displaying in Content Details panel
- Fixes crash on adding Tags during indexing
- Fixes missing Flags in Filters Panel
- Prevents duplicate Flags-as-Tags in the Filters Panel upon adding and removing a Flag on Content

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AVAIL Desktop 4.5.1 (released 8/22/2023)

- **New**
  - Channel Groups
    - Provides the ability to group Channels into filterable and searchable collections
    - Publishers
      - Ability to create a named Channel Group assigned with a description and color
      - Ability to assign Channels to multiple groups (Context Menu of the Channel)
      - Ability to Delete a Channel Group (Context Menu of Channel Group on Home)
    - Consumers
      - Ability to filter Channels based on their Channel Group assignment
  - Application Mappings
    - Publishers
      - Able to assign Channel Groups to a predefined Application
      - Channel Groups are orderable within an Application Mapping
        - Order of Channel Groups within an Application promote Channels and their Content during a Global Search when the Application is applied as a Scope

- - NOTE: This feature is currently compatible with AVAIL for Revit v5.0 and above.
  - Search Bar + Scopes
    - Scopes
      - Search bar has been completely redesigned to apply Channels, Channel Groups, and Applications as Scopes
      - A Scope is a search vector that can be applied before executing a search.
      - When a Channel is applied as a Scope and a search term is applied, the user is navigated to that Channel with the results of the term
      - When a Channel Group is applied as a Scope and a search term is applied, the user is navigated to the Global Search results view and displays Content results for Channel(s) ONLY within the Channel Group
      - When an Application is applied as a Scope and a search term is applied, the user is navigated to the Global Search results view and displays Content results for the Channel(s) within the Channel Group(s) assigned to that Application. (see Application Mappings above)
        - NOTE: Channel Groups not mapped to the Application are displayed in the results (as well as "Other" for Channels not assigned to Groups) with a line separator.
      - Keywords in: and from:
        - in:{term} - Displays Channel Groups and Channels based on the {term}
        - from:{term} - Displays available Applications based on the {term}
          - If no Channel Groups have been mapped to the Application, it does not display as an available option.
    - Suggestions
      - When searching within a Channel, the search term is used to produce Suggestions based on matching Tags contained within that Channel
    - Improvements

- Ability to use the Arrow Keys for navigation of suggested search results in the dropdown list
    - Type in a search term and hit the Down Arrow Key to highlight an item. Hit the Enter key to apply that result.
  - Global Search
    - Executing a non-Scoped Global Search now shows Channels within their Channel Groups (if assigned)
    - Executing a Global Search with an Application Scope displays the mapped Channel Groups and Channels in the results
  - Content
    - Ability to rename a piece of Content from the Content's Details panel

- Improvements
  - Dynamic Paths
    - Dynamic paths are now designed to store user-specific cloud provider paths that differ from those established on a plan.
      - On a new plan, the first publisher who logs into AVAIL will create dynamic paths (for the cloud providers that are enabled) based on the cloud locations on their computer. After the initial paths are set, any user logging in will create a user-specific dynamic path record if their path differs from the one established for the plan.
  - Channel Loading
    - Improved load times upon navigating and displaying a Channel
  - Thumbnails
    - Refactored the refresh and regeneration of Content thumbnails to prevent "flickering" in the UI on selection
  - CefSharp
    - Modified the local cache location for CefSharp to be a per-user basis. The CefSharp cache is now scoped to each AVAIL user
  - Improved loading cancellation on navigation to Channel and back to Home if the initial Channel request had completed or fully populated

- Fixed
  - General
    - Fixed missing tags in Filters Panel if performing a text search from a channel initially displaying KeyCards in Grid layout

- Fixed issue with Channel being retained in an open Lens on clicking a different Channel from Favorites
- Fixed issue with subscribe flow not considering that the channel may be hidden or not in the user's channels list on link navigation
- Prevents a Content's drag action from being executed if the user is dragging the scrollbar
- Fixed issue with navigating to a Channel duplicating the displayed Content results when clicking on the "Go to Channel" button in the Status Bar
  - Analytics
    - Removed posting to Google Analytics endpoint
  - Installer
    - Updated EULA

AVAIL Desktop 4.3.6 (released 5/11/2023)

- **Fixed**
  - Dynamic Paths: Fixed issue when SharePoint tenant name is part of user profile path
  - Fixed issues with drag and drop of Content hosted in Egnyte timing out early
  - Applied more descriptive error message on broken Content during consumption
  - Allows Content double-click to download (but not open)
  - Fixed issue with download button not appearing for Full Content View
  - Fixed issue with disappearing thumbnails
  - Fixed issue with missing thumbnail on drag to the AVAIL for Revit add-in

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AVAIL Desktop 4.3.5 (released 2/17/2023)

- **Fixed**
  - General
    - Updated the Avail Analytics library
    - Updated CEFSharp to latest version
    - Fixed issue with Preview Panel using CEF browser
    - Fixed issue with Channel navigation with Keycard/Breadcrumb
    - Fixed issue with Open Microsoft Word Template causing file lock

- Fixed sorting behavior in Tags & Filters Editor
- Fixed 'Copy to Clipboard' in Content Details Panel

AVAIL Desktop 4.3.3 (released 1/10/2022)

- **New**
  - General
    - Redesigned Downloads page on Manage Portal to reflect software dependencies.

- **Fixed**
  - General
    - Fixed issue with Key Cards with images in Banner Mode
    - Fixed double-click issue with URLs
    - Fixed potential crash of CefSharp on Logout
    - Fixed incorrect analytics event posting a link navigation action when clicking on Go to Channel in Status Bar

AVAIL Desktop 4.3.2 (released 12/21/2022)

- **New**
  - Indexing
    - Added Cancellation of Indexing flow with a confirmation dialog.

- **Fixed**
  - General
    - Fixed issue with Channel Card images getting cut off
    - Fixed issue when attempting to share a Channel with a User that is not on your Plan
    - Fixed issue with display of overlapping properties for a Channel in the List View Mode on Home

- Analytics
  - Fixed issue with scrolling within a Channel that has search term applied incorrectly posting more Text Search Analytics events
- Download
  - Fixed issue with Download using ZIP strategy potentially overwriting existing ZIP packages at the Channel's Download Location IF the Content itself is a ZIP Package
- Tags & Filters Panel
  - Improved sorting of Keys and Values such that if sorting by Key, then all Values under that Key are sorted alphanumerically
  - Improved processing time of editing and saving a Tag's Value across all Content within a Channel
  - Fixed issue with Active Keys appearing entirely grayed out for a new Channel
- Indexing Wizard UI
  - Improved Validation of Empty/Whitespace in Indexing Filters
  - Fixed issue with Multiple Filetype Filters being used under a single AND Filter Group
  - Improved Validation of Tags being added on Indexed Content (User must hit Enter, or click an Add button in the Add Tags section to proceed/complete Indexing Wizard if there is a value in the Textbox)
- Indexing (Functional)
  - Copy/Move
    - Now supports use of the new Indexing flow via V2 API for Copy/Move of Content to a Destination Channel
    - Added temporary cache of Content being *moved* from a Channel to display Content as disabled
- Key Cards
  - Fixed issue with Key Card navigation not falling through to the next Key Card Layout if the Content results on the *next* Key Card Layout does not match any of the Key Card Values.
- Thumbnails
  - Fixed issue with Thumbnail not getting added to URL-derived Content (i.e. Indexing from a Browser's Address Bar) during Indexing
  - Fixed issue with Harvest Content Thumbnails being replaced during either the Host-in-Cloud or Virtualize Thumbnails operation

AVAIL Desktop 4.3.1 (released 9/22/2022)

- **New**
  - Key Cards
    - Provides the ability to display a collection of Tag Values that has been grouped under a Key within a Channel, with a new navigation experience.

    - Key Card Editor
      - A new Lens that allows for management of Key Cards assigned to a Channel

    - Breadcrumb
      - A new breadcrumb control is displayed on a Channel when navigating with Key Cards. Breadcrumb items allow the user to navigate to the previous state.

  - Dynamic Paths
    - Provides support for indexing of Content that resides in per-User, locally synced files from Cloud-storage providers (Autodesk ACC Docs, Microsoft OneDrive, and others)

  - Indexing
    - Removed dependency of the AVAIL Sync Service
    - Indexing of Content in a Channel is now processed through the V2 API
    - Improved notification and progress monitoring of indexing within a Channel

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AVAIL Desktop 4.2.3 (released 6/2/2022)

- **New**
  - Login
    - Added support for Okta SSO.
  - Location Error and File Type Handling
    - General improvements to improving messaging when content is not available in the specified location.
    - Improved drag and drop handling to specific applications by type.

- ○ Revit Tag Generator
  - ■ Added Revit 2023 Support to Revit Tag Generator.
- ○ AVAIL Harvest for Revit
  - ■ Added support for Element Level Containers.

- **Fixed**
  - ○ General
    - ■ Fixed issue with CopyToClipboard not setting copying properly.
    - ■ Open Location fix when checking for local file.
    - ■ Fixed refresh of Stream Definitions following a search.
    - ■ Fixed Central Cache Location help icon tooltip.
    - ■ Fixed issue with indexed Url icon.
    - ■ Various minor bug fixes.

AVAIL Desktop 4.2.2 (released 3/3/2022)

- **New**
  - ○ AVAIL Stream
    - ■ Allow Stream Definitions to target local paths. The server where Stream is installed must also have this drive defined or mapped locally in order for Stream to access and index this Content. This adds support for cloud storage solutions that represent themselves as a letter drive on the local machine. (e.g. Egnyte)
  - ○ AVAIL Host in Cloud
    - ■ Allow URLs to be published in Host-in-Cloud channels.
  - ○ Missing Content
    - ■ Added additional icon and dialog to indicate when content is broken or missing.

- **Fixed**
  - ○ General
    - ■ Fixed issue that prevented drag and drop of harvested content with multiple Revit sessions open.
    - ■ Fixed issue with videos playing after Content View is closed.
    - ■ Fixed issue where open/close status of the side navigation panel would not persist between sessions.

- - ■ Fixed issue with Open Location option appearing on Host in Cloud or Marketplace files that have not been downloaded.
    - ■ Fixed display issue with Stream Details panel.
    - ■ Improved information text for new Channels.
  - ○ Links
    - ■ Fixed issue with valid Links returning "Link is no longer valid".
    - ■ Fixed potential crash upon copying Link to Clipboard.

AVAIL Desktop 4.2.1 (released 11/5/2021)

- **New**
  - ○ AVAIL Lens: Tag IO
    - ■ Tag IO enables Channel editors to export and import Tags from an external spreadsheet.
    - ■ Tag IO is built on an in-development plugin architecture for the AVAIL platform, called AVAIL Lenses.

  - ○ Content View
    - ■ Ability to open a separate window for a single piece of Content by selecting the filename.

  - ○ Link Sharing
    - ■ Ability to generate a shareable URL for a Channel or piece of Content.

  - ○ General
    - ■ Added the user's email and name to the top-right dropdown menu.

- **Fixed**
  - ○ Fixed an issue where previously deleted tags could resurface upon re-indexing.
  - ○ Fixed an issue where Channel Editors could not see all publishing features if set as Consumer on their plan.
  - ○ Fixed an issue causing some tags to be incorrectly greyed-out in the Filters panel.

- ○ Tag IO
    - ■ Increased processing speed of tag changes by up to 200%.

AVAIL Desktop 4.1.4 (released 7/6/2021)

- **New**
    - ○ Publishing (Host-in-Cloud/Marketplace)
        - ■ Introducing a new Change Log API to simplify publishing workflow
        - ■ Improve Stream processing of changes for Publishing using new Change Log API

- **Fixed**
    - ○ Stream
        - ■ Fixed bug with adding a second filter to a Stream Definition from the AND option causing crashes.
    - ○ Analytics
        - ■ Fixed missing Create Channel and Share Channel events
        - ■ Fixed issue with Download event not associated with the correct Channel if navigating away from the Channel while a Download is in progress
    - ○ Channels
        - ■ Fixed caching of previous Channel data displaying in the Channel view interface when navigating to a new Channel
        - ■ Fixed issue with toggling Local/Cloud resulting in a broken state if navigating quickly to the Channel from Home

AVAIL Desktop 4.1.3 (released 5/7/2021)

- **New**

- ○ Analytics
    - ■ Updated analytics library to send to AVAIL Analytics API

- **Fixed**
    - ○ Tags & Filters Editor
        - ■ Fixed bug with Delete key not triggering properly on selected rows

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AVAIL Desktop 4.0.5

Fixes

- General
    - ○ Fixed tags getting added multiple times within Indexing wizard
    - ○ Fixed issue with selecting a favorite triggering a search twice
    - ○ Tooltip renaming of View Modes
    - ○ Added F5 as option to Refresh the current view (same as Ctrl-R)
    - ○ Minor improvement to right-click context menu to collapse Thumbnails actions
    - ○ Improved auto-subscribe to Marketplace channels (e.g. AVAIL Learning) post login

- Content Preview
    - ○ Fixed issue with CEF browser causing YouTube videos keep playing even though navigated away
    - ○ Fixed issue with crash occurring after clicking link inside a PDF

- Hide/Show Channels
    - ○ Fixed issue with Hide Channels not working with group shared channels
    - ○ Functional and UI improvements for the hide/show of channels at Home
    - ○ Fixed double-click binding on channel that has hidden status shown

- Carousel View
    - ○ Fixed call to get additional page of Content in carousel list
    - ○ Added double-click binding to carousel item
    - ○ Fixed Channel list in Cross-channel Search View sometimes collapsing in thumbnail view

- Login
    - ○ Fixed issue with multiple instances of CefSharp Browser getting created after

Logout/Login
- ○ Added 'Restart' button to Login view to restart the login OAuth request without forcing the user to restart the app

- ● Download
  - ○ Improved setting of download (Cache) location for a Marketplace Channel to default to the Plan's Download location if one is not set on the channel
  - ○ Changed the download flow to take in a list of Channels
  - ○ Updated Content list item to display download cloud icon if instantiated content does not exist
  - ○ Added permission to download from Marketplace Channel as 'Viewer'

- ● Thumbnail
  - ○ Reworked Thumbnail flow to resize extra-large thumbnail bitmaps down to 512 pixels to improve quality

- ● Plugin Service
  - ○ Fixed issue with the content hash not set properly

- ● Analytics
  - ○ Fixed issue with 'Source' custom dimension not getting reported as "AVAIL" in the Application>Version Google Analytics event

- ● Marketplace
  - ○ Fixed Channel Description text wrapping in Channel Details
  - ○ Fixed Marketplace Purchase URL

- ● Host-in-Cloud
  - ○ Added check for empty preview image on publishing of a channel
  - ○ Fixed issue with Publish Changes with Content in use not handled correctly

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AVAIL Desktop 4.0

- ● **New Home View**
  - ○ Displays all Channels available to you
  - ○ Ability to quickly Favorite Channels
  - ○ New Channel Cards

- ■ Improved visuals for Channels
- ■ Set Channel Card Image from any thumbnail in a Channel
- ○ List View displays links to Comments, Flags & Download (when content is Hosted in Cloud)

- **New & Improved Search**
  - ○ New Global Search (aka Cross Channel Search) capabilities
  - ○ New Channel Filters help narrow large result sets
  - ○ Integrated Channel & Content Search
  - ○ New Global Search tracking in Analytics

- **New Carousel View Mode**

- **New Preview Panel**
  - ○ Replaces "Properties Panel" as primary viewer in List & Grid Views
  - ○ Focus on high-resolution visuals

- **New Details Panel (replaced Properties Panel)**
  - ○ Show details at the Channel and Content level

- **New Host in Cloud Feature**
  - ○ Synchronize local content to an AVAIL cloud hosted location (in Amazon AWS S3) for download
  - ○ Local & Cloud views of Channel
  - ○ Publish Changes feature
  - ○ New Analytics tracking of Downloads for Egress Tracking
  - ○ Supports High-resolution Preview Images
  - ○ Improved Publishing (Host-in-Cloud) Error Handling

- **New Virtualize Thumbnails Feature**
  - ○ Extract thumbnail images and deliver via AVAIL cloud services
  - ○ New Delete Virtualized Thumbnails feature

- **New Favorites Panel**
  - ○ One-click Favoriting of Channels for easy access

- **New "Publisher Bar"**

- ○ Access to Publisher features
- ○ Separated from Consumer features

- **Improved Channel Details**
  - ○ Easily add/replace Channel Cards
  - ○ In-line editing of Channel Name & Description

- **Improved Stream Definitions View**
  - ○ Resizable Grid View for Stream Definitions
  - ○ Double-click a Stream Definition to Edit

- **Improved Navigation**
  - ○ No-click scrolling of Channel Filters, Grid, List and Carousel Thumbnails, Filters Panel
  - ○ New Shift-Scroll in Filters Panel for horizontal scrolling of Unwrapped Tags

- **Improved URL & PDF Browser Response**

- **Improved Channel & Marketplace Navigation**
  - ○ Removed "Shared with Me" from Marketplace navigation
  - ○ Added "Show Hidden Channels" option at lower-right corner of Home
  - ○ Added Hide Channel / Unhide Channel to right-click menus
  - ○ Improved "Click to Subscribe" button reduces confusion with two-click select/subscribe present in 3.15
  - ○ If a Marketplace Channel requires "activation" (ie. required license/authentication from vendor) it will be presented with new Activate Channel dialog after "subscribing"

- **Improved Identity Management**
  - ○ New Login Screen (added Sign In w/ Google and ArchVision)
  - ○ New Logout option!
  - ○ Option to register an account from the Desktop's Login view

Tips

- Ctrl-scroll will resize thumbnails

- Double-clicking a Channel Filter from Home will take you into that Channel with the search performed and access to additional filtering from the Filters Panel
- Use mouse scroll wheel to traverse Channel Filters and Carousel thumbnails
- Use Shift-scroll in Filters Panel to traverse unwrapped tags
- Use Ctrl-click to deselect a Channel Filter
- Use Ctrl-click to select more than one Channel Filter
- Use Ctrl-Tab to cycle through viewing modes (List, Grid & Carousel)